

IN THE CLAIMSRECEIVED  
CENTRAL FAX CENTER

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1 (Previously Presented). An apparatus, comprising:

a first antenna to receive a signal from a source;

a second antenna to receive a signal from the same source as the first antenna, said first and second antennas being radio frequency antennas; and

a device coupled to said first and second antennas to use the signals from the same source as detected by the first and second antennas to reduce interference, said first antenna being an omni-directional radio frequency antenna having a non-directive radiation pattern and said second antenna is a radio frequency directive antenna having a directive radiation pattern.

Claim 2 (Canceled).

3 (Original). The apparatus of claim 1, wherein the first antenna is a whip antenna, stub antenna, or dipole antenna.

4 (Original). The apparatus of claim 1, wherein the second antenna is a microstrip patch antenna.

5 (Canceled).

6 (Previously Presented). The apparatus of claim 1, wherein said device includes a first receiver that is a direct conversion receiver and a second receiver that is a direct conversion receiver.

7 (Previously Presented). The apparatus of claim 6, further comprising a baseband processor coupled to the first receiver and the second receiver.

8 (Original). The apparatus of claim 1, wherein the first antenna receives a first radio frequency (RF) signal and the second antenna receives a second radio frequency (RF) signal that is not correlated to the first signal and further comprising a baseband logic circuit adapted to process

the first radio frequency (RF) signal and the second radio frequency (RF) signal to provide interference detection and cancellation.

9 (Previously Presented). The apparatus of claim 6, wherein the first receiver is adapted to down convert a first signal from the first antenna and wherein the second receiver is adapted to down convert a second signal from the second antenna.

10 (Previously Presented). A system, comprising:  
a wireless wide area network (WWAN) device, comprising:  
a first antenna coupled to a first receiver;  
a second antenna coupled to a second receiver and having a radiation pattern different than a radiation pattern of the first antenna; and  
a device coupled to said first and second antennas to use the signals from the same source as detected by the first and second antennas to reduce interference, said first antenna being an omni-directional radio frequency antenna having a non-directive radiation pattern and said second antenna is a radio frequency directive antenna having a directive radiation pattern.

11 (Previously Presented). The system of claim 10, wherein the wireless wide area network (WWAN) device is a cellular telephone.

12 (Original). The system of claim 11, wherein at least a portion of the first antenna is external to a housing of the cellular telephone and wherein the second antenna is internal to the housing of the cellular telephone.

Claim 13 (Canceled).

14 (Previously Presented). A method, comprising:  
receiving a first radio frequency signal from a first antenna at the input terminal of a first receiver; and  
receiving a second radio frequency signal different from the first signal from a second antenna at the input terminal of a second receiver, wherein the radiation pattern of the first

antenna is different than the radiation pattern of the second antenna, wherein the first antenna and the second antenna are part of a wireless communication device.

Claim 15 (Canceled).

16 (Original). The method of claim 14, wherein receiving a first signal comprises receiving the first signal from an omni-directional antenna having a non-directive radiation pattern.

17 (Original). The method of claim 16, wherein receiving the first signal from an omni-directional antenna includes receiving the first signal from a whip antenna.

18 (Original). The method of claim 14, wherein receiving a second signal comprises receiving the second signal from a directive antenna having a directive radiation pattern.

19 (Original). The method of claim 18, wherein receiving the second signal from a directive antenna comprises receiving the second signal from a microstrip patch antenna.